

# 40w Portable Solar Charger with standard solar controller bypass and USB port

## SLCK-040-12 (Rigid Panel Design)



### Kit Consists:

1 x SLP040-12U 40W/12V Solar Panel  
1 x SLSC-02 Elite Battery Clamp Set  
1 x SLC-NR1012UH w/ USB Port  
1 x Cloth Carry Case  
15' Cable  
Panel Size: 27" x 22" x 1.5"

The 40W model is suited for 1 battery systems where energy demand is light. Can also be used for vehicles in storage to maintain batteries.

**Carton: 30" x 5" x 24"**  
**Weight: 17 lbs**



This item can be shipped UPS



**This Unit Assembled In The USA!**

The 40 Watt Economy model is suited for 1 battery system where energy demand is light or where solar power is needed only while in storage for battery maintenance. Our new solar controller bypass option allows you to use several units together when more power is needed or when additional batteries are used.

- -PWM Solar Controller w/ USB Port
- -Produces 15-20 amp/hours/day
- -2.3 amps operating current (approx)
- -17.2V Max operating voltage
- -13.8V float mode
- -14.4V finish charge voltage (temp compensated)
- -Lead ACid, Gel, and AGM compatible
- -Indicator lights confirm proper operation
- -16' cord standard

- -Safety fuse
- -Panel size 27x22x1.5, 13lbs
- -Padded storage bag
- -Choice of 4 battery connection methods
- -New heavy-duty tilt legs
- -Up to 16+ amp hours per day

## **Battery Connection Types**

1. Battery Clamp Connector
2. Hard Wire Connector
3. Cigarette Lighter Connector
4. RV Solar Ready Connector

## **MPPT Controller Upgrade (with no USB port) – Increases output by 10% – 20%**



The original Ceramic Drive solar charge controller. When reliability and up-time are paramount, this is your controller.

### **5A 12V MPPT Controller w/ LVD**

- 99.85% Peak Efficiency
- Electrolytic-Free, Ceramic Capacitors
- Doesn't wear out from heat
- High-Speed MPPT
- Advanced electronic protections
- 10 Year Warranty

## **High-Speed MPPT: Always on Target**

Not all Maximum Power Point Tracking controllers were created equally. Most use a sweep and sleep method that scans the entire voltage range every 30-60 seconds. That's okay for a clear day, but traditional controllers are constantly off target during changing cloud conditions – exactly when power is scarce and needs the most. The Genasun 5A MPPT solar charge controller adapts to changing light conditions 15 times every second. They are always on target, capturing every bit of available sunshine. Simply put, other controllers can't keep up.

### **Mission-Critical Reliability**

Genasun controllers are deployed to the most remote locations on earth. They endure years at sea, harsh Antarctic winters, freezing conditions in the upper atmosphere on solar powered airplanes, and in a few off-the-map locations. Made in the USA, each controller is put through complete electrical testing to ensure reliability. If you need mission-critical power, this is your controller.

### **Get The Ceramic Edge. Electrolytic-Free with 10-Year Warranty**

Genasun's Ceramic controllers set a new benchmark for reliability. Traditional controllers have components filled with liquid electrolytes that boil off over time, causing system failure. Genasun Solid Ceramic controllers have no liquid, so they don't wear out in the heat. Backed by an industry-leading 10 year warranty, these controllers take reliability to a new level.

### **Computer controlled, 4-Stage battery charging**

Precise computer controlled charging ensures the optimal charge cycle for your battery. This increases the battery life, and maximizes battery capacity.

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**80w Portable Solar Charger  
with standard solar  
controller bypass and USB  
port**



The 80W model is suited for 1-2 battery systems where energy demand is light. Can also be used for vehicles in storage to maintain batteries.



**This Unit Assembled In The USA!**

**KIT CONSISTS OF:**

2 x SLP040-12U 40W/12V Solar Panels (Hinged)  
1 x SLSC-02 Elite Battery Clamp Set  
1 x SLC-NR1012UH Controller with USB Port  
Solar Controller Bypass Option  
Waterproof Weather-Pack Connectors  
1 x Soft Shell Carry Case  
16' Cable w/inline Fuse  
Panel Folded: 27" x 22" x 3.5" (27lbs)  
Panel Open: 43" x 27" x 1.5"  
Case: 28" x 24.5" x 5.3" (2lbs)

**Carton: 30" x 8" x 27"**  
**Weight: 40 lbs**



**This item can be shipped UPS**

The 80 Watt Economy model is suited for 1 battery system where energy demand is light or where solar power is needed only while in storage for battery maintenance. Our new solar controller bypass option allows you to use several units together when more power is needed or when additional batteries are used.

- -PWM Solar Controller w/ USB Port
- -Produces 40+ amp/hours/day
- -5.2 amps operating current (approx)
- -17.2V Max operating voltage
- -13.8V float mode
- -14.4V finish charge voltage (temp compensated)
- -Lead ACid, Gel, and AGM compatible
- -Indicator lights confirm proper operation
- -16' cord standard
- -Safety fuse
- -Panels fold for easy storage
- -Panel folded 27x22x3.5, 27lbs
- -Panel open 43x27x1.5"
- -Case: 28'x24.5x3", .2lbs
- -Up to 40+ amp hours per day

### **Battery Connection Types**

1. Battery Clamp Connector
2. Hard Wire Connector
3. Cigarette Lighter Connector
4. RV Solar Ready Connector

## MPPT Controller Upgrade (with no USB port) – Increases output by 10% – 20%

### GV-10 | 140W 10A SOLAR CHARGE CONTROLLER WITH MPPT



A perfect match for your 140W panel. The ultra high-speed MPPT in the GV-10 is so effective it reduces your system cost per Watt.

#### 10.5A 12V MPPT Controller.

- 98.3% Peak Efficiency
- High-Speed MPPT
- Advanced electronic protections
- Tiny night consumption (0.9mA)
- Marine-Grade
- 5-Year Warranty

### High-Speed MPPT: Always on Target

Not all Maximum Power Point Tracking controllers were created equally. Most use a sweep and sleep method that scans the entire voltage range every 30-60 seconds. That's okay for a clear day, but traditional controllers are constantly off target during changing cloud conditions – exactly when power is scarce and needs the most. Genasun controllers adapt to changing light conditions 20 times every second. They are always on target, capturing every bit of available sunshine. Simply put, other controllers can't keep up.

### Computer-controlled, 4-Stage battery charging

Precise computer controlled charging ensures the optimal charge cycle for your battery. This increases the battery life, and maximizes battery capacity.

Assembled in U.S.A.

Solar Land PWM controller with 1 AMP USB Port (standard)  
# SLC-NR1012UH

(Standard) Solar controller bypass upgrade allowing multiple panel use

Weather proof connectors

Sturdier adjustable leg design

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# 120w Portable Solar Charger with standard solar controller bypass and USB port

## SLP120F-12S (Folding Panel Design)



### Kit Consists Of:

2x SLP060-12U 60W/12V Solar Panels (Hinged)  
1 x SLSC-02 Elite Battery Clamp Set  
1x SLC-NR1012UH PWM Solar Controller w/ USB Port  
1x Padded Soft Shell Carry Case  
16' Cable w/inline Fuse  
Panel Folded: 40" x 21" x 3.5"(39lbs)  
Panel Open: 41" x 40" x 1.5"  
Case: 41" x 22" x 5" (2lbs)

The 120W model is suited for 1-2 battery systems where energy demand is moderate. Can also be used for vehicles in storage to maintain batteries.

**Carton: 44" x 8" x 26"**  
**Weight: 50 lbs**



**This item can be shipped UPS**



**This Unit Assembled In The USA!**

The 120 Watt Economy model is suited for 1 battery system where neergy demand is light or where solar power is needed only while in storage for battery maintenance. Our new solar controller bypass option allows you to use several unites together when more power is needed or when additional batteries are used.

- -Built in 3 stage, PWM Controller w/ USB Port
- -Produces 50-60 amp/hours/day



- -7.5 amps operating current (approx)
- -17.2V Max operating voltage
- -13.8V float mode
- -14.4V finish charge voltage (temp compensated)
- -Lead ACid, Gel, and AGM compatible
- -Indicator lights confirm proper operation
- -16' cord standard
- -Choice of 4 battery connection methods
- -Panel soft shell storage case
- -Panels fold for easy storage
- -Panel folded 40x21x3.5, 39lbs
- -Panel open 41x40x1.5"
- -Case: 41x22x5", 2lbs
- -Up to 56+ amp hours per day

## **Battery Connection Types**

1. Battery Clamp Connector
2. Hard Wire Connector
3. Cigarette Lighter Connector
4. RV Solar Ready Connector

## **MPPT Controller Upgrade (with no USB port) – Increases output by 10% – 20%**

### **GV-10 | 140W 10A SOLAR CHARGE CONTROLLER WITH MPPT**



A perfect match for your 140W panel. The ultra high-speed MPPT in the GV-10 is so effective it reduces your system cost per Watt.

#### **10.5A 12V MPPT Controller.**

- 98.3% Peak Efficiency
- High-Speed MPPT
- Advanced electronic protections
- Tiny night consumption (0.9mA)
- Marine-Grade
- 5-Year Warranty

### **High-Speed MPPT: Always on Target**

Not all Maximum Power Point Tracking controllers were created equally. Most use a sweep and sleep method that scans the entire voltage range every 30-60 seconds. That's okay for a clear day, but traditional controllers are constantly off target during changing cloud conditions – exactly when power is scarce and needs the most. Genasun controllers adapt to changing light conditions 20 times every second. They are always on target, capturing every bit of available sunshine. Simply put, other controllers can't keep up.

### **Computer-controlled, 4-Stage battery charging**

Precise computer controlled charging ensures the optimal charge cycle for your battery. This increases the battery life, and maximizes battery capacity.

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## **25'                      Extension                      Cord (SLP-25EXT)**

For use with all three of our portable solar chargers (SLP040-12U, SLP080F-12S, SLP120F-12S). Extends the supplied 15' cord another 25' for a total of 40' between portable solar panel system and battery bank. Connectors included and assembled, simple plug and play.